

Appl. No. 10/733,661
Amdt. dated Feb. 23, 2006
Reply to Office Action of Oct. 26, 2005

Amendments to the Claims:

The following listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method of operation of a communication device, the method comprising:

communicating within a cordless telephone call over a first wireless communication link of a cordless telephone system;

receiving an incoming group call over a second wireless communication link of a two way radio system that is independent of the cordless telephone system, the second wireless communication link being operable to support simultaneous communication between the communication device and a plurality of additional communication devices;

placing the cordless telephone call in a hold mode so as to mitigate interference on the second wireless communication link; and

establishing communication within the group call while the cordless telephone call is in the hold mode without utilizing the cordless telephone system.

Claim 2 (previously presented): The method of Claim 1, further comprising:

notifying a user of the communication device in response to receiving the incoming group call.

Claim 3 (previously presented): The method of Claim 1, further comprising:

querying a user of the communication device for hold mode activation in response to receiving the incoming group call; and

receiving an input instruction from the user to enter the hold mode in response to the query.

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Claim 4 (previously presented): The method of Claim 1, wherein the step of placing the cordless telephone call in a hold mode comprises:

ceasing transmission over the first wireless communication link.

Claim 5 (currently amended): The method of Claim 4, wherein the step of placing the cordless telephone call in hold mode further comprises:

instructing a cordless base station to place the cordless telephone call on hold prior to [[the]] ceasing transmission over the first wireless link.

Claim 6 (previously presented): The method of Claim 4, wherein the step of placing the cordless telephone call in a hold mode further comprises:

receiving one or more broadcast messages from a cordless base station over the first wireless communication link.

Claim 7 (previously presented): The method of Claim 1, further comprising:

receiving a user input to terminate the hold mode; and
resuming the cordless telephone call in response to the user input.

Claim 8 (previously presented): The method of Claim 1, further comprising:

receiving a user input to exit the hold mode;
determining whether the communication device is within range of a cordless base station servicing the first wireless communication link; and
notifying the user responsive to the user input in the event that the communication device is out of range of the cordless base station.

Claim 9 (previously presented): The method of Claim 1, further comprising:

setting a timer; and
resuming the cordless telephone call upon expiration of the timer.

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Claim 10 (previously presented): The method of Claim 9, further comprising:
placing the cordless telephone call back into the hold mode immediately after resuming the cordless telephone call; and
resetting the timer.

Claim 11 (currently amended): A communication device comprising:

a two way radio section for communicating within a group call over a first wireless communication link of a two way radio system, the first wireless communication link being operable to support simultaneous communication between the communication device and a plurality of additional communication devices; [[and]]

a cordless telephone section for communicating within a cordless telephone call over a second wireless communication link of a cordless telephone system that is independent of the two way radio system, wherein the cordless telephone section is independent of the two way radio section; and

a processor, coupled to the two way radio section and the cordless telephone section, operable [[adapted]] to place the cordless telephone call in a hold mode so as to mitigate interference on the first wireless communication link while [[when]] the two way radio section is communicating within the group call.

Claim 12 (currently amended): The communication device as recited in Claim 11, wherein the two way radio section includes a radio frequency (RF) circuit and wherein is operatively coupled to the cordless telephone section includes a cordless telephone transceiver that is independent of the RF circuit and wherein the two way radio section is adapted to notify the cordless telephone section of the group call.

Claim 13 (previously presented): The communication device as recited in Claim 12, further comprising:

a user input for receiving a user instruction to place the cordless telephone call in the hold mode.

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Claim 14 (currently amended): The communication device as recited in Claim 11, wherein the cordless telephone section is responsive to the processor ~~[[adapted]]~~ to cease transmission over the second wireless communication link when the cordless telephone call is in the hold mode.

Claim 15 (previously presented): The communication device as recited in Claim 14, wherein the cordless telephone section is adapted to receive one or more broadcast messages from a cordless base station when the cordless telephone call is in the hold mode.

Claim 16 (previously presented): The communication device as recited in Claim 11, wherein the cordless telephone section includes a timer for establishing a time frame for maintaining the cordless telephone call in the hold mode.

Claim 17 (currently amended): A wireless communication system facilitating cordless telephone communications and two-way group communications, the cordless telephone communications being routed over a landline telephone network, the wireless communication system comprising:
a wireless communication device including:

a two way radio section for communicating within a two-way group call over a first wireless communication link of a two way radio system, the first wireless communication link being operable to support simultaneous communication between the wireless communication device and a plurality of additional wireless communication devices; and

a cordless telephone section for communicating within a cordless telephone call over a second wireless communication link of a cordless telephone system that is independent of the two way radio system; and ~~[[.]]~~

a processor, coupled to the two way radio section and the cordless telephone section, ~~wherein the cordless telephone section~~ is operable to place the cordless telephone call in a hold mode so as to mitigate interference on the first wireless communication link while ~~[[when]]~~ the two way radio section is communicating within the group call; and

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a cordless base station supporting the cordless telephone call over the second wireless communication link, but not supporting the two-way group call over the first wireless communication link, the cordless base station interfacing the cordless telephone call between the wireless communication device and the landline telephone network.

Claim 18 (previously presented): The wireless communication system of Claim 17, wherein the cordless telephone section of the wireless communication device is responsive to the processor ~~[[adapted]]~~ to cease transmission over the second wireless communication link when the cordless telephone call is in the hold mode.

Claim 19 (previously presented): The wireless communication system of Claim 18, wherein the cordless telephone section of the wireless communication device is adapted to receive one or more broadcast messages from the cordless base station when the cordless telephone call is in the hold mode.

Claim 20 (currently amended): The wireless communication system of Claim 17 ~~[[19]]~~, wherein the two way radio section includes a radio frequency (RF) circuit and wherein the cordless telephone section includes a cordless telephone transceiver that is independent of the RF circuit ~~cordless base station is adapted to transmit the one or more broadcast messages to the wireless communication device when the cordless telephone call is in the hold mode.~~